

## PATENT COOPERATION TREATY

PCT/US2004/036178

From the INTERNATIONAL BUREAU

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## PCT

NOTIFICATION CONCERNING  
TRANSMITTAL OF COPY OF INTERNATIONAL  
PRELIMINARY REPORT ON PATENTABILITY  
(CHAPTER I OF THE PATENT COOPERATION  
TREATY)

(PCT Rule 44bis.1(c))

To:

TAYLOR, Arles, A., Jr.  
Jenkins, Wilson & Taylor, P.A.  
University Tower, Suite 1400  
3100 Tower Boulevard  
Durham, NC 27707  
ETATS-UNIS D'AMERIQUEDate of mailing (day/month/year)  
11 May 2006 (11.05.2006)Applicant's or agent's file reference  
297/176 PCT

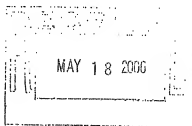
## IMPORTANT NOTICE

International application No.  
PCT/US2004/036178International filing date (day/month/year)  
01 November 2004 (01.11.2004)Priority date (day/month/year)  
30 October 2003 (30.10.2003)

Applicant

NORTH CAROLINA STATE UNIVERSITY et al

The International Bureau transmits herewith a copy of the international preliminary report on patentability (Chapter I of the Patent Cooperation Treaty)



5/20/06 3:11 PM NP-NoPercht  
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JREL  
5-22-06The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Agnes Wittmann-Regis

Facsimile No. +41 22 740 14 35

Facsimile No. +41 22 338 89 70

## PATENT COOPERATION TREATY

## PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY  
(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 297/176 PCT	<b>FOR FURTHER ACTION</b> See item 4 below	
International application No. PCT/US2004/036178	International filing date ( <i>day/month/year</i> ) 01 November 2004 (01.11.2004)	Priority date ( <i>day/month/year</i> ) 30 October 2003 (30.10.2003)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant NORTH CAROLINA STATE UNIVERSITY		

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).
2. This REPORT consists of a total of 8 sheets, including this cover sheet.  
  
In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. This report contains indications relating to the following items:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Box No. I  | Basis of the report   |
| <input checked="" type="checkbox"/> Box No. II | Priority  |
| <input type="checkbox"/> Box No. III           | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability  |
| <input type="checkbox"/> Box No. IV            | Lack of unity of invention  |
| <input checked="" type="checkbox"/> Box No. V  | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> Box No. VI            | Certain documents cited   |
| <input type="checkbox"/> Box No. VII           | Certain defects in the international application  |
| <input type="checkbox"/> Box No. VIII          | Certain observations on the international application   |

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No. +41 22 740 14 35	Date of issuance of this report 01 May 2006 (01.05.2006)
	Authorized officer  Agnes Wittmann-Regis  Telephone No. +41 22 338 89 70